

PTO/SB/D8A (08-03)

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Sheet	1	of	1
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Complete If Known

Application Number	10/051,601
Filing Date	January 17, 2002
First Named Inventor	Cioffi et al.
Art Unit	2002-2665
Examiner Name	Alvin Hsu
Attorney Docket Number	T-27725.1

[illegible][illegible]

Examiner Signature	Albus H. Hsu	Date Considered	5/24/05
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Application Number					
Filing Date		01/17/02			
First Named Inventor		John M. Cioffi, et al.			
Group Art Unit		2665			
Examiner Name		Alpus Hsu			
Attorney Docket No.		TI-27725.1			

J0978 U.S. PTO
 10/05/01
 01/17/02

U.S. Patent Documents						
Exam. Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
044	AA	4,314,376		Williams	2/1982	
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Exam. Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
044	BA	PCT	WO 92/10884			06/25/92		
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	BC	EPO	EP0295227A1			12/14/88		
	BD	PCT	WO 85/03180			07/18/85		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
044	CA	BINGHAM, John A.C., "Multicarrier Modulation For Data Transmission - An Idea Whose Time Has Come," IEEE Communications Magazine, May 1990	
	CB		
	CC		

Examiner Signature	Alpus H. Hsu	Date Considered	5/24/05
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¹Unique citation designation number. ²Applicant is to place a check mark here if English Translation is attached.